# *UM5 UNIMOUNT® 400 LUMINAIRE*

## Low Bay, Enclosed — *Surface Mount Optical Series*

*With*
***EZ Connect™***

### APPLICATIONS

- For 10-25 ft. (3-8 meter) applications in factories, foundries, canneries and textile, metal, chemical, rubber, food, cement, and other industrial applications

### SPECIFICATION FEATURES

- UL 1598 Listed **Suitable For Damp Locations**
- UL 1598 Listed for metal halide amps in polymeric lamp containment barriers
- cUL Listed to Canadian standards and codes
- UV stabilized injection molded prismatic refractor for low brightness
- Enclosed and gasketed optics
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Symmetrical heavy-duty die-cast aluminum ballast housing with polyester powder gray or white paint finish
- Threaded slide-in mounting adapter for easy mounting
- 55° C ambient, standard
- Alzak† finish on reflector
- Safety chain provisions
- Mogul base socket -E39 standard
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- *Pulse start system for metal halide available. See Page I-131*

### ORDERING NUMBER LOGIC

| UM5 | G | 25 | E | 0 | A | EA | AG | 11 | B |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT IDENT | COLOR | WATTAGE | LIGHT SOURCE | VOLTAGE | BALLAST TYPE | OPTICAL CODE | PHOTOMETRY CODE | MOUNTING CODE | OPTIONS |
| XXX | X | XX | X | X | X | XX | XX | XX | X |
| UM5 = Unimount 400 Luminaire | G = Gray<br>W = White | 17 = 175<br>25 = 250<br>32 = 320<br>35 = 350<br>40 = 400 | E = Energy Act Compliant Pulse MH (EPMH)<br>S = HPS<br>For International Markets only<br>M = MH<br>P = Pulse Start MH<br>Note: Lamp is vertical base up. Lamp not included. | 60Hz<br>0 = 120/208/240/277 MULTIVOLT<br>1 = 120<br>2 = 208<br>3 = 240<br>4 = 277<br>5 = 480<br>D = 347<br>F = 120X347<br>T = 220<br>50Hz<br>6 = 220<br>R = 230<br>Y = 240<br>G = 380 | See Ballast Selection Table<br>A =Autoreg<br>D = System 3 Bi Level Autoreg See technical info<br>G = (CANADIAN) Mag-reg with grounded socket shell<br>H = HPF Reactor or Lag<br>L = Super Low Loss Autoreg | EA = Enclosed Acrylic Refractor<br>WA = Acrylic Refractor with inside of Reflector Painted White | XX = Select Code Below | XX = Select Code Below<br>11 = Pendant mounting<br>13 = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. *(Not available with W option)*<br>14 = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability). Order PED Box Separately *(Not available with W option)*<br>15 = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL)<br>31 = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug<br>33 = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug *(Order locking receptacle hook box separately.)*<br>67 = Pendant, Nut and Hanger Hub Mounting. (For use with "D" or "W", Wet Locations Option, only) (See pages I-153 and I-154 for details)<br>MODULAR PREWIRE<br>41 = ACS with 3-ft (0.9 meter) cord & EZ-Hook<br>69 = ACS with 6-ft (1.8 meter) cord & EZ-Hook<br>43 = ACS with 3-ft (0.9 meter) cord & EZ-Loop<br>70 = ACS with 6-ft (1.8 meter) cord & EZ-Loop<br>PLUG-N-GO<br>51 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook<br>71 = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook<br>53 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop<br>72 = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop<br>Note: ACS = Flex 3+<br>Plug-N-Go = FSC Series | A = 65°C maximum ambient*<br>B = Time Delay Automatically Switched Quartz<br>F = Fusing *(Not available with W option)*<br>G = Secondary Wiring Access. 7/8 in. dia. knockout *(Not available with W option)*<br>H = Charcoal Filtering Gasket (Not available with wet location)<br>Q = Non-Time Delay Automatically Switched Quartz<br>R = Non-Switched Quartz.<br>T = E40 / European Socket<br>W = Wet Location (For use with Mounting Code 15 and 67 only)<br>Y = Solo Bilevel Port (See page I-102)<br>Note: See page I-104 for Accessory Index and Descriptions.<br>Note: See page I-129 for explanation of Options.<br>*65°C available for 250 and 400 watt Auto Reg Ballast and WA optical only. |

### PHOTOMETRIC SELECTION TABLE

**EA OPTICAL - Enclosed Optical**

| Wattage | Light Source | Spacing Criteria | Socket Position | Photometric Curve | Optical Code | Photometry Code |
|---|---|---|---|---|---|---|
| 175,250 | EPMH | 1.7 | G | 177155 | EA | AG |
| 320(ED28)* | EPMH | 1.7 | G | 177155 | EA | AG |
| 350 | EPMH | 1.9 | A | 177013 | EA | AA |
| 400 | EPMH | 1.9 | A | 177013 | EA | AA |
| 400 | EPMH(Coated) | 1.6 | A | 177014 | EA | AA |
| 250 | HPS | 1.9 | F | 177011 | EA | AF |
| 400 | HPS | 1.9 | F | 177011 | EA | AF |

**WA OPTICAL - Enclosed Optical with White Inside Reflector**

| Wattage | Light Source | Spacing Criteria | Socket Position | Photometric Curve | Optical Code | Photometry Code |
|---|---|---|---|---|---|---|
| 175,250 | EPMH | 2.0 | H | 178672 | WA | AH |
| 320(ED28)* | EPMH | 2.0 | H | 178672 | WA | AH |
| 350 | EPMH | 2.0 | A | 178674 | WA | AA |
| 400 | EPMH | 2.0 | A | 178674 | WA | AA |
| 400 | EPMH(Coated) | 1.4 | A | 451384 | WA | AA |
| 250 | HPS | 2.0 | F | 178673 | WA | AF |
| 400 | HPS | 2.0 | F | 178673 | WA | AF |

*320 watt, ED28 pulse start MH

Note: See page T-34 for Alternative lens material explanation

# *UM5 UNIMOUNT® 400 LUMINAIRE*

Low Bay Enclosed

**DIMENSIONS**

For wet location dimensions 1.72 inches (44mm) must be added to overall height.

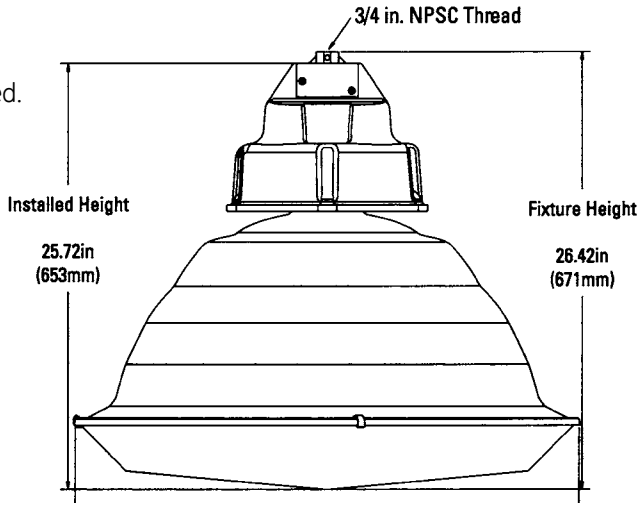
**NOTES**

See explanation on "Optical Flexibility" Page I-5. See References.

**REFERENCES**

See Page I-104 for start of Accessories.
See Page I-117 for Component Ordering Logic.
See Page I-129 for Explanation of Options and Other Terms Used.

**FIXTURE DIMENSIONS**




**DATA**

| | | |
|---|---|---|
| Approximate Net Weight | lbs | kgs |
| Ballast and Optical | 36 | 16 |

**BALLAST SELECTION TABLE**

| | | Ballast Type / Voltage | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 60HZ | | | | | 50HZ | | | |
| Wattage | Light Source | Multivolt | 120, 208 240, 277 480 | 347 | 120 x 347 | 220 | 220 | 230 | 240 | 380 |
| 250 | HPS | A | A,D,G,L | A,D,L | A | A,H | A,H,M | A,H | A,H | M |
| 400 | HPS | A | A,D,G,L | A,D,L | A | A,H | A,H,M | A,H,M | A,H,M | M |
| 175 | MH | A | A | A | A | A | N/A | N/A | N/A | N/A |
| 250 | MH | A | A,D,L | A,D | A | A | A | A | A | N/A |
| 400 | MH | A | A,D,L | A,D,G,L | A | A | A | A | A | N/A |
| PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE | | | | | | | | | | |
| 175 | EPMH | N/A | A | A | A | N/A | N/A | N/A | N/A | N/A |
| 250 | EPMH | A | A | A | A | N/A | N/A | N/A | N/A | N/A |
| 320 | EPMH | A | A | A | A | N/A | N/A | N/A | N/A | N/A |
| 350 | EPMH | A | A | A | A | N/A | N/A | N/A | N/A | N/A |
| 400 | EPMH | A | A | A | A | N/A | N/A | N/A | N/A | N/A |

**NOTE:** N/A = Not Available
* H is HPF - Linear Reactor available as 277V only.
Cannot be used with switched quartz option.

**CANADIAN NOTES:**
**1.** "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
**2.** 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
**3.** Multivolt not available.
**4.** 208, 240 and 480 volts with "G" ballast not available with switched quartz.